



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 5

Test Date: March 2009
Code: 10571241
SAU: Falmouth School Department
School: Falmouth Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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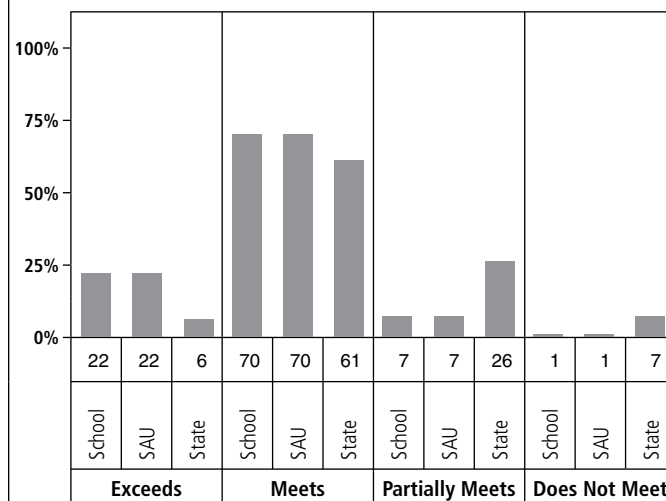
SUMMARY OF SCORES

Test Date: March 2009
Grade: 5
SAU: Falmouth School Department
School: Falmouth Middle School

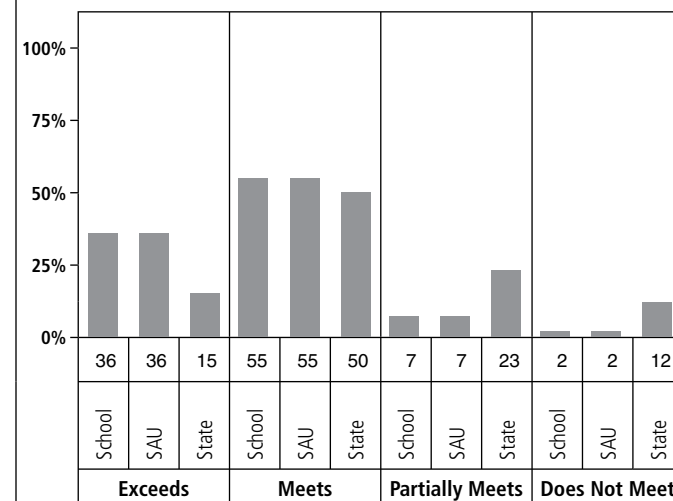
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	551	551	544
2007–2008	553	553	545
2008–2009	554	554	546
Cum. Avg.*	553	553	545
Mathematics			
2006–2007	555	555	546
2007–2008	558	558	546
2008–2009	557	557	547
Cum. Avg.*	557	557	546
Science			
2008–2009 **	549	549	543

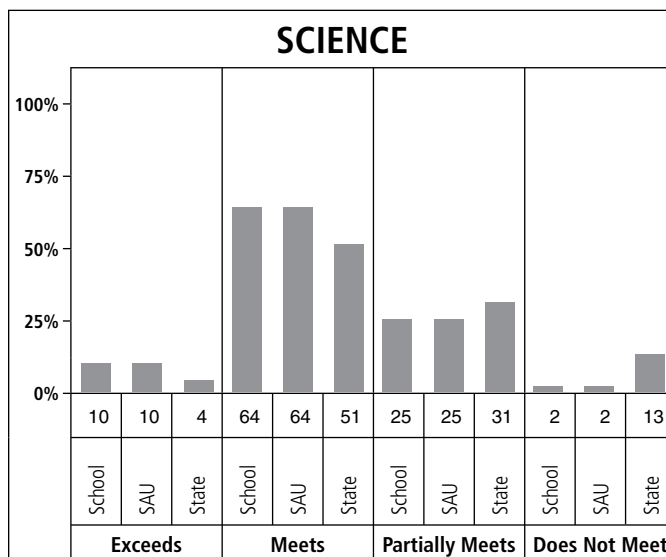
ELA – READING



MATHEMATICS



SCIENCE



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

**Because science testing moved from grade 4 to grade 5 in March 2009, science standards were reset and therefore no historical data are available.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 5
SAU: Falmouth School Department
School: Falmouth Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
	School		SAU		State		ELA-Reading						Mathematics						Science					
	n		n		n		n		n		n		n		n		n		n		n		n	
	%		%		%		%		%		%		%		%		%		%		%		%	
Total number of students	177	100	177	100	14212	100	176	99	176	99	14135	100	177	100	177	100	14144	100	177	100	177	100	14137	100
Ethnicity African American/Black	2	1	2	1	397	3	2	100	2	100	388	98	2	100	2	100	393	99	2	100	2	100	389	98
American Indian or Native Alaskan	0	0	0	0	110	1	0	0	0	0	110	100	0	0	0	0	110	100	0	0	0	0	110	100
Asian or Pacific Islander	8	5	8	5	259	2	7	88	7	88	253	98	8	100	8	100	258	100	8	100	8	100	257	99
Hispanic	0	0	0	0	175	1	0	0	0	0	172	99	0	0	0	0	172	99	0	0	0	0	173	99
Caucasian/White	167	94	167	94	13271	93	167	100	167	100	13212	100	167	100	167	100	13211	100	167	100	167	100	13208	100
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Identified disability	25	14	25	14	2479	17	25	100	25	100	2454	100	25	100	25	100	2455	100	25	100	25	100	2451	99
Current LEP	2	1	2	1	374	3	1	50	1	50	359	96	2	100	2	100	370	99	2	100	2	100	366	98
Economically disadvantaged	6	3	6	3	5848	41	6	100	6	100	5815	100	6	100	6	100	5819	100	6	100	6	100	5812	100
Migrant	0	0	0	0	8	0	0	0	0	0	8	100	0	0	0	0	8	100	0	0	0	0	8	100

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	151	85	151	85	10849	76	152	86	152	86	10872	76	152	86	152	86	10976	77
Identified disability (PET/IEP)	6	4	6	4	298	3	6	4	6	4	307	3	6	4	6	4	338	3
LEP	1	1	1	1	170	2	2	1	2	1	169	2	2	1	2	1	177	2
504 plan	2	1	2	1	123	1	2	1	2	1	121	1	2	1	2	1	126	1
Participation with accommodations	24	14	24	14	3122	22	24	14	24	14	3124	22	24	14	24	14	3019	21
Identified disability (PET/IEP)	18	75	18	75	1992	64	18	75	18	75	2000	64	18	75	18	75	1971	65
LEP	0	0	0	0	184	6	0	0	0	0	196	6	0	0	0	0	184	6
504 plan	0	0	0	0	84	3	0	0	0	0	86	3	0	0	0	0	81	3
Other	6	25	6	25	907	29	6	25	6	25	886	28	6	25	6	25	826	27
Participation through alternate assessment (PAAP)	1	1	1	1	164	1	1	1	1	1	148	1	1	1	1	1	142	1
Identified disability (PET/IEP)	1	100	1	100	164	100	1	100	1	100	148	100	1	100	1	100	142	100
LEP	0	0	0	0	5	3	0	0	0	0	5	3	0	0	0	0	5	4
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	0	0	0	0	19	0	0	0	0	0	19	0	0	0	0	0	20	0
Non-participation – other	1	1	1	1	58	0	0	0	0	0	49	0	0	0	0	0	55	0

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 5
SAU: Falmouth School Department
School: Falmouth Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 562–580)	2006-2007	24	13	24	13	702	5
	2007-2008	25	15	25	14	659	5
	2008-2009	39	22	39	22	836	6
	Cum. Total*	88	16	88	16	2197	5
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 542–560)	2006-2007	133	71	134	71	7730	55
	2007-2008	130	76	130	75	8195	58
	2008-2009	123	70	123	70	8495	61
	Cum. Total*	386	72	387	72	24420	58
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 532–540)	2006-2007	27	14	27	14	4182	30
	2007-2008	13	8	14	8	3800	27
	2008-2009	12	7	12	7	3667	26
	Cum. Total*	52	10	53	10	11649	28
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 500–530)	2006-2007	3	2	3	2	1419	10
	2007-2008	4	2	4	2	1362	10
	2008-2009	1	1	1	1	973	7
	Cum. Total*	8	1	8	1	3754	9

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	48	100	36.3	75.6	36.3	75.6	30.8	64.2
A1/A2 Interconnected Elements/Literary Text	24	50	17.7	73.8	17.7	73.8	15.0	62.5
A1/A3 Interconnected Elements/Informational Text	24	50	18.6	77.5	18.6	77.5	15.8	65.8

The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:
<http://www.maine.gov/education/lres/pei/index.html>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 5
 SAU: Falmouth School Department
 School: Falmouth Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	175	39	22	123	70	12	7	1	1	554	175	22	70	7	1	554	13971	6	61	26	7	546
Ethnicity																						
African American/Black	2										2						381	2	44	31	23	540
American Indian or Native Alaskan	0										0						110	0	48	38	14	541
Asian or Pacific Islander	7	3	43	3	43	1	14	0	0	558	7	43	43	14	0	558	252	11	58	21	11	547
Hispanic	0										0						166	4	54	32	10	543
Caucasian/White	166	36	22	119	72	10	6	1	1	554	166	22	72	6	1	554	13062	6	62	26	6	546
Not Reported	0										0						0					
Identified disability																						
Yes	24	1	4	15	63	7	29	1	4	546	24	4	63	29	4	546	2290	0	29	47	23	537
No	151	38	25	108	72	5	3	0	0	555	151	25	72	3	0	555	11681	7	67	22	4	548
Current LEP																						
Yes	1										1						354	1	35	34	30	538
No	174	38	22	123	71	12	7	1	1	554	174	22	71	7	1	554	13617	6	61	26	6	546
Economically disadvantaged																						
Yes	6	2	33	3	50	1	17	0	0	550	6	33	50	17	0	550	5716	2	51	35	12	542
No	169	37	22	120	71	11	7	1	1	554	169	22	71	7	1	554	8255	9	67	20	4	548
Migrant																						
Yes	0										0						8	0	38	25	38	538
No	175	39	22	123	70	12	7	1	1	554	175	22	70	7	1	554	13963	6	61	26	7	546
Gender																						
Female	87	22	25	61	70	4	5	0	0	556	87	25	70	5	0	556	6882	8	62	24	6	547
Male	88	17	19	62	70	8	9	1	1	553	88	19	70	9	1	553	7089	4	60	28	8	545
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						1914	1	41	44	14	540
No	175	39	22	123	70	12	7	1	1	554	175	22	70	7	1	554	12057	7	64	23	6	547
Gifted/talented program																						
Yes	0										0						450	26	72	2	0	557
No	175	39	22	123	70	12	7	1	1	554	175	22	70	7	1	554	13521	5	60	27	7	545

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
 Grade: 5
 SAU: Falmouth School Department
 School: Falmouth Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	2	0	0	2	50	1	25	1	25	543	2	0	50	25	25	543	4	2	40	34	24	540
B. less than one hour	74	28	22	97	75	5	4	0	0	555	74	22	75	4	0	555	70	6	63	26	6	546
C. one to two hours	23	11	28	24	60	5	13	0	0	554	23	28	60	13	0	554	24	7	61	26	6	546
D. more than two hours	1	0	0	0	0	1	100	0	0	540	1	0	0	100	0	540	2	4	42	33	21	541
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	35	23	37	34	55	5	8	0	0	557	35	37	55	8	0	557	36	10	67	18	5	549
B. good	50	14	16	67	76	6	7	1	1	553	50	16	76	7	1	553	47	5	62	27	6	546
C. fair	14	2	8	22	88	1	4	0	0	551	14	8	88	4	0	551	15	2	47	40	12	541
D. poor	0										0						2	0	30	46	24	537
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	35	13	21	45	74	2	3	1	2	554	35	21	74	3	2	554	31	9	65	20	5	548
B. They match some of what I have learned.	55	22	23	66	69	7	7	0	0	554	55	23	69	7	0	554	55	5	63	27	5	546
C. They match just a little of what I have learned.	9	2	13	11	69	3	19	0	0	551	9	13	69	19	0	551	10	3	45	38	14	542
D. There is no match.	1	1	50	1	50	0	0	0	0	554	1	50	50	0	0	554	3	1	31	41	27	537
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	11	1	5	18	95	0	0	0	0	551	11	5	95	0	0	551	16	3	49	32	15	542
B. about the same as my regular schoolwork	66	29	25	78	68	7	6	0	0	555	66	25	68	6	0	555	64	7	63	25	5	547
C. easier than my regular schoolwork	24	8	20	27	66	5	12	1	2	553	24	20	66	12	2	553	20	5	62	26	7	546
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	3	0	0	4	80	0	0	1	20	548	3	0	80	0	20	548	10	1	33	42	24	538
B. Most of the passages were about the same as what I normally read.	44	10	13	58	76	8	11	0	0	552	44	13	76	11	0	552	52	4	61	29	6	545
C. Most of the passages were easier than what I normally read.	53	28	30	60	65	4	4	0	0	556	53	30	65	4	0	556	38	10	68	18	4	549
How much time do you spend reading at home each day?																						
A. more than one hour	27	19	40	27	57	1	2	0	0	558	27	40	57	2	0	558	20	10	64	21	5	548
B. 20 minutes to an hour	65	20	18	84	74	10	9	0	0	553	65	18	74	9	0	553	56	7	65	24	5	547
C. less than 20 minutes	5	0	0	7	88	1	13	0	0	549	5	0	88	13	0	549	10	3	52	33	12	543
D. I rarely read at home.	3	0	0	5	83	0	0	1	17	547	3	0	83	0	17	547	14	1	46	38	14	541
How many pages do you read in school and to complete homework assignments?																						
A. five or fewer pages	21	8	22	22	61	5	14	1	3	553	21	22	61	14	3	553	25	3	53	33	11	543
B. six to ten pages	23	6	15	30	75	4	10	0	0	553	23	15	75	10	0	553	26	6	61	26	7	546
C. eleven or more pages	56	24	25	70	72	3	3	0	0	555	56	25	72	3	0	555	49	8	65	23	5	547
Optional school/SAU question																						
A.	25	0	0	1	100	0	0	0	0	548	25	0	100	0	0	548						
B.	50	0	0	2	100	0	0	0	0	548	50	0	100	0	0	548						
C.	0										0											
D.	25	0	0	1	100	0	0	0	0	556	25	0	100	0	0	556						

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 5
SAU: Falmouth School Department
School: Falmouth Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 562–580)	2006-2007	53	28	53	28	1711	12
	2007-2008	68	40	68	39	1617	12
	2008-2009	64	36	64	36	2119	15
	Cum. Total*	185	34	185	34	5447	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 542–560)	2006-2007	106	56	106	56	6778	48
	2007-2008	88	51	88	51	7284	52
	2008-2009	97	55	97	55	7046	50
	Cum. Total*	291	54	291	54	21108	50
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 530–540)	2006-2007	27	14	28	15	3884	28
	2007-2008	11	6	12	7	3341	24
	2008-2009	12	7	12	7	3193	23
	Cum. Total*	50	9	52	10	10418	25
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 500–528)	2006-2007	3	2	3	2	1683	12
	2007-2008	5	3	5	3	1778	13
	2008-2009	3	2	3	2	1638	12
	Cum. Total*	11	2	11	2	5099	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	48	100	31.8	66.3	31.8	66.3	25.5	53.1
A. Number	18	38	13.0	72.2	13.0	72.2	9.8	54.4
B. Data	10	21	6.6	66.0	6.6	66.0	5.2	52.0
C. Geometry	10	21	5.1	51.0	5.1	51.0	4.7	47.0
D. Algebra	10	21	7.1	71.0	7.1	71.0	5.7	57.0

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 5
 SAU: Falmouth School Department
 School: Falmouth Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	176	64	36	97	55	12	7	3	2	557	176	36	55	7	2	557	13996	15	50	23	12	547
Ethnicity																						
African American/Black	2										2						385	6	35	28	30	537
American Indian or Native Alaskan	0										0						110	5	42	34	20	540
Asian or Pacific Islander	8	4	50	3	38	1	13	0	0	561	8	50	38	13	0	561	257	19	50	20	12	548
Hispanic	0										0						166	9	43	31	17	543
Caucasian/White	166	60	36	93	56	11	7	2	1	557	166	36	56	7	1	557	13078	15	51	23	11	547
Not Reported	0										0						0					
Identified disability																						
Yes	24	2	8	15	63	6	25	1	4	545	24	8	63	25	4	545	2307	3	32	32	33	536
No	152	62	41	82	54	6	4	2	1	559	152	41	54	4	1	559	11689	17	54	21	8	549
Current LEP																						
Yes	2										2						365	5	33	30	32	536
No	174	63	36	96	55	12	7	3	2	557	174	36	55	7	2	557	13631	15	51	23	11	547
Economically disadvantaged																						
Yes	6	2	33	3	50	0	0	1	17	550	6	33	50	0	17	550	5731	7	46	29	18	542
No	170	62	36	94	55	12	7	2	1	557	170	36	55	7	1	557	8265	21	53	19	7	550
Migrant																						
Yes	0										0						8	0	38	50	13	540
No	176	64	36	97	55	12	7	3	2	557	176	36	55	7	2	557	13988	15	50	23	12	547
Gender																						
Female	88	31	35	50	57	6	7	1	1	557	88	35	57	7	1	557	6889	14	51	23	12	546
Male	88	33	38	47	53	6	7	2	2	557	88	38	53	7	2	557	7107	16	50	23	11	547
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						1918	3	39	36	22	539
No	176	64	36	97	55	12	7	3	2	557	176	36	55	7	2	557	12078	17	52	21	10	548
Gifted/talented program																						
Yes	0										0						450	64	34	2	0	564
No	176	64	36	97	55	12	7	3	2	557	176	36	55	7	2	557	13546	14	51	23	12	546

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 5
SAU: Falmouth School Department
School: Falmouth Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	2	0	0	2	50	1	25	1	25	535	2	0	50	25	25	535	4	8	38	26	28	539
B. less than one hour	74	45	34	76	58	9	7	1	1	557	74	34	58	7	1	557	70	15	52	23	10	547
C. one to two hours	23	19	48	18	45	2	5	1	3	559	23	48	45	5	3	559	24	15	51	23	11	547
D. more than two hours	1	0	0	1	100	0	0	0	0	554	1	0	100	0	0	554	2	9	37	24	30	539
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	40	38	54	29	41	2	3	1	1	562	40	54	41	3	1	562	34	28	50	14	8	552
B. good	51	23	26	54	61	9	10	2	2	553	51	26	61	10	2	553	45	11	54	24	10	546
C. fair	9	3	19	12	75	1	6	0	0	553	9	19	75	6	0	553	18	3	45	33	19	540
D. poor	0										0						3	1	29	41	29	535
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	33	20	34	31	53	6	10	1	2	557	33	34	53	10	2	557	38	22	52	19	7	550
B. They match some of what I have learned.	47	30	37	47	57	3	4	2	2	556	47	37	57	4	2	556	48	12	53	24	11	546
C. They match just a little of what I have learned.	17	9	31	17	59	3	10	0	0	556	17	31	59	10	0	556	11	6	40	30	24	540
D. There is no match.	3	4	67	2	33	0	0	0	0	565	3	67	33	0	0	565	3	6	26	29	38	534
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	18	5	16	25	78	1	3	1	3	550	18	16	78	3	3	550	17	7	42	30	21	540
B. about the same as my regular schoolwork	49	23	27	53	62	9	10	1	1	555	49	27	62	10	1	555	64	15	53	23	10	547
C. easier than my regular schoolwork	32	35	63	18	32	2	4	1	2	563	32	63	32	4	2	563	19	24	49	17	10	550
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	3	0	0	5	83	1	17	0	0	550	3	0	83	17	0	550	7	6	39	27	27	539
B. 30–45 minutes	8	0	0	11	79	1	7	2	14	544	8	0	79	7	14	544	28	9	49	28	15	544
C. 45–60 minutes	26	14	31	28	62	2	4	1	2	556	26	31	62	4	2	556	41	17	53	21	9	548
D. more than 60 minutes	63	50	45	52	47	8	7	0	0	559	63	45	47	7	0	559	24	21	51	20	8	549
How often do you use calculators in mathematics class?																						
A. almost every day	5	2	22	7	78	0	0	0	0	558	5	22	78	0	0	558	6	14	43	24	20	543
B. two or three days a week	31	14	25	37	67	4	7	0	0	554	31	25	67	7	0	554	24	17	52	21	10	548
C. two or three times each month	39	25	36	35	51	7	10	2	3	556	39	36	51	10	3	556	33	17	52	21	9	548
D. never or almost never	24	22	52	18	43	1	2	1	2	561	24	52	43	2	2	561	38	12	49	25	14	545
How often do you use hands-on materials in mathematics class?																						
A. almost every day	28	13	27	34	69	2	4	0	0	556	28	27	69	4	0	556	23	13	47	26	15	545
B. two or three days a week	31	24	44	29	53	2	4	0	0	558	31	44	53	4	0	558	31	17	52	21	10	548
C. two or three times each month	34	23	39	27	46	8	14	1	2	558	34	39	46	14	2	558	27	17	52	21	10	548
D. never or almost never	7	3	25	7	58	0	0	2	17	548	7	25	58	0	17	548	20	12	50	24	14	545
Optional school/SAU question																						
A.	25	0	0	1	100	0	0	0	0	554	25	0	100	0	0	554						
B.	50	0	0	0	0	2	100	0	0	537	50	0	0	100	0	537						
C.	0										0											
D.	25	1	100	0	0	0	0	0	0	566	25	100	0	0	0	566						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number

SCIENCE RESULTS

Test Date: March 2009
Grade: 5
SAU: Falmouth School Department
School: Falmouth Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 562–580)	2008-2009*	17	10	17	10	626	4
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 542–560)	2008-2009*	112	64	112	64	7187	51
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 532–540)	2008-2009*	44	25	44	25	4364	31
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 500–530)	2008-2009*	3	2	3	2	1818	13

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Science Total Points	48	100	32.7	68.1	32.7	68.1	29.2	60.8
D. The Physical Setting	24	50	14.7	61.3	14.7	61.3	12.9	53.8
E. The Living Environment	24	50	17.9	74.6	17.9	74.6	16.3	67.9

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting
D1 - Universe and Solar System
D2 - Earth
D3 - Matter and Energy
D4 - Force and Motion

Content Standard E. The Living Environment
E1 - Biodiversity
E2 - Ecosystems
E3 - Cells
E4 - Heredity and Reproduction
E5 - Evolution

SCIENCE RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 5
 SAU: Falmouth School Department
 School: Falmouth Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	176	17	10	112	64	44	25	3	2	549	176	10	64	25	2	549	13995	4	51	31	13	543
Ethnicity																						
African American/Black	2										2						382	2	31	32	35	535
American Indian or Native Alaskan	0										0						110	3	36	35	26	538
Asian or Pacific Islander	8	1	13	4	50	3	38	0	0	548	8	13	50	38	0	548	256	5	51	27	17	542
Hispanic	0										0						167	1	40	37	22	539
Caucasian/White	166	16	10	107	64	40	24	3	2	549	166	10	64	24	2	549	13080	5	52	31	12	544
Not Reported	0										0						0					
Identified disability																						
Yes	24	1	4	11	46	11	46	1	4	543	24	4	46	46	4	543	2309	2	29	39	29	536
No	152	16	11	101	66	33	22	2	1	550	152	11	66	22	1	550	11686	5	56	30	10	545
Current LEP																						
Yes	2										2						361	1	23	32	44	533
No	174	16	9	112	64	43	25	3	2	549	174	9	64	25	2	549	13634	5	52	31	12	544
Economically disadvantaged																						
Yes	6	0	0	3	50	3	50	0	0	542	6	0	50	50	0	542	5729	2	42	37	20	539
No	170	17	10	109	64	41	24	3	2	549	170	10	64	24	2	549	8266	6	58	27	8	546
Migrant																						
Yes	0										0						8	0	25	13	63	530
No	176	17	10	112	64	44	25	3	2	549	176	10	64	25	2	549	13987	4	51	31	13	543
Gender																						
Female	88	6	7	57	65	23	26	2	2	549	88	7	65	26	2	549	6886	4	49	33	14	542
Male	88	11	13	55	63	21	24	1	1	549	88	13	63	24	1	549	7109	5	54	29	12	544
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						1917	1	31	41	28	536
No	176	17	10	112	64	44	25	3	2	549	176	10	64	25	2	549	12078	5	55	30	11	544
Gifted/talented program																						
Yes	0										0						450	25	72	2	1	557
No	176	17	10	112	64	44	25	3	2	549	176	10	64	25	2	549	13545	4	51	32	13	543

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SCIENCE RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 5
SAU: Falmouth School Department
School: Falmouth Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	2	0	0	1	25	2	50	1	25	536	2	0	25	50	25	536	4	2	37	35	25	538
B. less than one hour	74	14	11	84	64	32	24	1	1	550	74	11	64	24	1	550	70	4	53	31	12	544
C. one to two hours	23	3	8	26	65	10	25	1	3	549	23	8	65	25	3	549	24	5	51	31	12	544
D. more than two hours	1	0	0	1	100	0	0	0	0	542	1	0	100	0	0	542	2	4	39	31	26	539
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	23	5	13	26	65	8	20	1	3	550	23	13	65	20	3	550	26	7	56	26	11	545
B. good	59	9	9	69	66	25	24	1	1	549	59	9	66	24	1	549	53	4	53	31	11	544
C. fair	17	3	10	16	53	10	33	1	3	547	17	10	53	33	3	547	18	2	41	39	17	540
D. poor	1	0	0	1	50	1	50	0	0	539	1	0	50	50	0	539	3	1	33	36	30	536
How well do the questions that you have just been given on this MEA test match what you have learned in school about science?																						
A. The questions on the test match what I have learned in science class.	14	3	12	15	60	7	28	0	0	548	14	12	60	28	0	548	23	5	56	28	11	544
B. They match some of what I have learned.	49	7	8	56	66	19	22	3	4	549	49	8	66	22	4	549	48	5	52	31	12	544
C. They match just a little of what I have learned.	30	5	10	33	63	14	27	0	0	550	30	10	63	27	0	550	23	4	49	33	14	543
D. There is no match.	7	2	15	8	62	3	23	0	0	550	7	15	62	23	0	550	6	3	40	34	23	539
How difficult was the science part of this test?																						
A. more difficult than my regular schoolwork	33	7	12	29	50	22	38	0	0	548	33	12	50	38	0	548	23	5	48	31	16	543
B. about the same as my regular schoolwork	53	5	5	66	71	20	22	2	2	549	53	5	71	22	2	549	58	4	52	32	12	543
C. easier than my regular schoolwork	13	5	22	16	70	2	9	0	0	553	13	22	70	9	0	553	19	6	53	29	11	544
How often do you have science classes?																						
A. every day	51	10	11	57	64	21	24	1	1	549	51	11	64	24	1	549	33	5	51	31	14	543
B. a few times a week	38	6	9	39	59	20	30	1	2	549	38	9	59	30	2	549	45	4	52	32	11	544
C. once a week	3	1	17	3	50	1	17	1	17	547	3	17	50	17	17	547	8	4	50	30	16	542
D. a few times a month	8	0	0	12	86	2	14	0	0	549	8	0	86	14	0	549	15	4	52	30	14	543
Which statement best describes how you learn science?																						
A. I mostly read a textbook and answer questions, and/or take notes and do assignments. I use science kits for demonstrations and experiments.	11	0	0	13	65	7	35	0	0	544	11	0	65	35	0	544	30	3	48	35	14	542
B. I work in groups to design and conduct experiments.	19	1	3	20	59	12	35	1	3	545	19	3	59	35	3	545	23	2	43	37	18	540
C. I do a combination of A and B, mostly A.	39	8	12	43	63	16	24	1	1	550	39	12	63	24	1	550	27	6	58	26	9	546
D. I do a combination of A and B, mostly B.	31	8	15	36	67	9	17	1	2	552	31	15	67	17	2	552	21	6	58	27	10	545
How often do you make observations and collect data in science class?																						
A. a few times a week	60	9	9	67	64	27	26	2	2	549	60	9	64	26	2	549	47	4	51	32	12	543
B. a few times a month	30	6	11	34	64	12	23	1	2	549	30	11	64	23	2	549	27	5	54	30	11	544
C. once a month	8	2	14	9	64	3	21	0	0	552	8	14	64	21	0	552	10	5	49	30	15	543
D. never or almost never	2	0	0	2	50	2	50	0	0	542	2	0	50	50	0	542	15	3	48	32	16	542
How often do you use observations and data to support your idea about science?																						
A. a few times a week	62	7	6	70	65	30	28	1	1	548	62	6	65	28	1	548	46	4	52	32	12	543
B. a few times a month	30	9	17	32	62	9	17	2	4	551	30	17	62	17	4	551	28	5	53	30	12	544
C. once a month	5	0	0	6	67	3	33	0	0	547	5	0	67	33	0	547	11	4	47	34	15	542
D. never or almost never	3	1	17	3	50	2	33	0	0	548	3	17	50	33	0	548	15	4	50	30	16	542
Optional school/SAU question																						
A.	25	0	0	1	100	0	0	0	0	548	25	0	100	0	0	548						
B.	50	0	0	1	50	1	50	0	0	548	50	0	50	50	0	548						
C.	0										0											
D.	25	0	0	1	100	0	0	0	0	554	25	0	100	0	0	554						

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N = Number